



Docket No. 2002-061R
PATENT

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 7-22-05

BY: Suzanne Shadley

Suzanne Shadley

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|-----------------------|---|------------------|-----------|
| In re Application of: | Chang et. al | Confirmation No. | 4543 |
| Serial No.: | 10/689,775 | Group Art Unit: | 1713 |
| Filed: | 10/20/03 | Examiner: | W. Cheung |
| For: | Olefin-Hydrophilic Block Copolymers of Controlled Sizes and Methods of Making and Using the Same | | |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith (check all that apply):

- | | |
|--|--|
| <input type="checkbox"/> Preliminary Amendment | <input checked="" type="checkbox"/> Information Disclosure Statement |
| <input type="checkbox"/> Response/Amendment A | <input type="checkbox"/> Petition Under 37 CFR 1.97(d)(2) |
| <input type="checkbox"/> Response/Amendment After Final | <input type="checkbox"/> Formal Drawings |
| <input type="checkbox"/> Supplemental Amendment | <input type="checkbox"/> Declaration Under 37 CFR 1.131 |
| <input type="checkbox"/> Affidavits/Declarations | <input type="checkbox"/> Declaration Under 37 CFR 1.132 |
| <input type="checkbox"/> Declaration and Power of Attorney | <input type="checkbox"/> Terminal Disclaimer |
| <input type="checkbox"/> Supplemental Declaration | <input type="checkbox"/> Small Entity Statement |
| <input type="checkbox"/> Power of Attorney | <input type="checkbox"/> Request for Refund |
| <input type="checkbox"/> Change of Correspondence Address | <input type="checkbox"/> Appeal |
| <input type="checkbox"/> Associate Power of Attorney | <input type="checkbox"/> Petition to Correct Inventorship |
| <input type="checkbox"/> Response to Missing Parts | <input type="checkbox"/> Issue Fee Transmittal |

to be filed in the above-identified patent application.

TOTAL AMOUNT OF PAYMENT: \$ 180.00

METHOD OF PAYMENT

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-0496

Deposit Account Name: Symyx Technologies, Inc.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Charge the Issue Fee Set it 37 CFR 1.18 at the Mailing of the Notice of Allowance

FEE CALCULATION

1.EXTRA CLAIM FEES

| | | | Extra Claims | | Fee from below | | Fee Paid |
|--|--|-------|--------------|--|----------------|---|----------|
| Total Claims | | -20** | = | | X | = | |
| Independent Claims | | -3** | = | | X | = | |
| Multiple Dependent Claims (first appearance) \$360/180 | | | | | | | |

**or number previously paid, if greater; For Reissues, see below

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|----------------------|-----------------------|----------------------|-----------------------|---|
| 1202 | 50 | 2202 | 25 | Claims in excess of 20 |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 |
| 1203 | 360 | 2203 | 180 | Multiple dependent claim, if not paid |
| 1204 | 200 | 2204 | 100 | **Reissue independent claims over original patent |
| 1205 | 50 | 2205 | 25 | **Reissue claims in excess of 20 and over original patent |
| | | | | SUBTOTAL (2) (\$) |

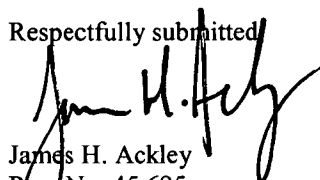
2. ADDITIONAL FEES

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|---|-----------------------|----------------------|-----------------------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge – late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge – late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month | |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month | |
| 1253 | 1,020 | 2253 | 510 | Extension for reply within third month | |
| 1254 | 1,590 | 2254 | 795 | Extension for reply within fourth month | |
| 1255 | 2,160 | 2255 | 1,080 | Extension for reply within fifth month | |
| 1401 | 500 | 2401 | 250 | Notice of Appeal | |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | |
| 1403 | 1,000 | 2403 | 500 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 500 | 2452 | 250 | Petition to revive – unavoidable | |
| 1453 | 1,500 | 2453 | 750 | Petition to revive – unintentional | |
| 1501 | 1,400 | 2501 | 700 | Utility issue fee (or reissue) | |
| 1502 | 800 | 2502 | 400 | Design issue fee | |
| 1503 | 1,100 | 2503 | 550 | Plant issue fee | |
| 1462 | 400 | 1462 | 400 | Petitions to the Director not specifically provided for (Group I) | |
| 1807 | 50 | 1807 | 50 | Petitions related to provisional applications | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Statement | 180.00 |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| Other fee (specify) Publication Fee 1.18(d) | | | | | |
| SUBTOTAL (3) (\$) | | | | | 180.00 |

*Reduced by Basic Filing Fee Paid

Date: 7-22-05

Respectfully submitted



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Attorney Docket No. 2002-061R1
PATENT

CERTIFICATE OF MAILING

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BY: Suzanne Shadley
Suzanne Shadley

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chang et. al
Serial No.: 10/689,775
Filed: 10/20/03
For: Olefin-Hydrophilic Block Copolymers
of Controlled Sizes and Methods of
Making and Using the Same

Confirmation No. 4543
Group Art Unit: 1713
Examiner: W. Cheung

Santa Clara, California
July 22, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

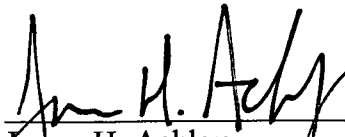
Sir:

Applicant requests that the references cited herein be considered in connection with the examination of this application and listed on the front of any patent that issues. The references are listed on the attached modified PTO-1449 form. Copies of each reference listed on the PTO Form 1449 are enclosed except for copies of the U.S. patent documents which are not supplied in accordance with the OG notice of August 5, 2003, partially waiving the requirements of 37 C.F.R. §1.98(a)(2)(i).

This is being filed after the first office action, and thus the applicant is paying the fee required by 37 CFR § 1.17(p) in the accompanying transmittal letter.

07/27/2005 EFLORES 00000028 500496 10689775
01 FC:1806 180.00 DA

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INFORMATION DISCLOSURE CITATION

ATTORNEY'S DOCKET NO.:
2002-061R1APPLICATION NO.:
10/689,775

PTO-1449

APPLICANT:
Chang et al.FILE DATE:
October 20, 2003GROUP: 1762
1713

US PATENT DOCUMENTS

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OTHER DOCUMENTS (including Author, Date, Pertinent Pages, Title, Etc.)

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| | <p><i>Author:</i> Castro et al. <i>Publish Date:</i> <i>Publish Year:</i>1984 <i>Volume:</i> 49 <i>Pages:</i> 863-866 <i>Journal:</i> J. Org. Chem. <i>Title:</i> Kinetics And Mechanism Of The Addition Of Amines To Carbon Disulfide In Ethanol</p> |
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01/19/2011

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| | <p>Author: Jiang et al. Publish Date: Publish Year:1995 Volume: 196 Pages: 2349-2360 Journal: Macromol. Chem. Phys. Title: New Chain Transfer Agents for Radical Polymerization Based on the Addition-Fragmentation Mechanism</p> |
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| | <p>Author: Meijs et al. Publish Date: Publish Year:1988 Volume: 21 Pages: 3122-3124 Journal: Macromolecules Title: Preparation of Controlled-Molecular-Weight, Olefin-Terminated Polymers by Free Radical Methods. Chain Transfer Using Allylic Sulfides</p> |
| | <p>Author: Watanabe et al. Publish Date: Publish Year:1993 Volume: 7 Pages: 1089-1092 Journal: Chemistry Letters Title: Addition-Fragmentation Chain Transfer in Free Radical Styrene Polymerization in the Presence of 2,4-diphenyl-4-methyl-1-pentene</p> |
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| | <p>Author: Bugada et al. Publish Date: Publish Year:1992 Volume: 28 Pages: 219-227 Journal: Eur. Polym J. Title: Molecular Structure and Melting Behaviour of Ethylene-Vinyl Acetate Copolymers</p> |
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